Safety Notice:
It is intended for user safety and prevent any accidental damage.
Please read this safety notice carefully before using the product.

DESKTOP COMPUTER USER GUIDE

Version: 1.0

Applicable Models: G100 Series PC Case

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Before reading this User Guide

Before reading this User Guide, please note the following warning icons used in this Guide

Warning Icons

Forbidden: The product could be damaged. Make sure to observe the instruction.

Warning: The operator could be injured. Make sure to observe the instruction.

Important: Key information, definition, general information or reference.

Notes

- Some devices and software packages described in this Guide may be unavailable or disagree depending on vendor' s specification. The contents of this Guide may not match your computer environment.
- The images and pictures used in this Guide including the cover sheet may not agree with actual product.
- No operation and technical service other than the Windows installed by default would be provided.
- Operation instructions and guidelines are subject to change depending on model.

Product Specification

The product specification may disagree depending on the product model.
For further details, see the label attached to the mainframe of the product or the vendor's catalog.

Dimension	136(W) x 358(H) x 428(D)mm
Compatible Motherboards	micro-ATX
Compatible Power Supply Units	micro-ATX
Compatible Graphics Cards	Standard ATX
5.25 Bay	1 bays
3.5 Bay	1 bay (External), 2 bays (Internal)
Expansion Slots	4 slots
Cooling Fan Hole	2 x 60mm (Rear)
Front I/O Ports	3-in-1 card reader x1, Headphone x1, Mic x1, USB x2
ETC.	Zero switch for 0W mode

* Product specification is subject to change, without prior notice, to improve performance and functionality.

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Safety Instructions

1. Carefully read this User Guide before you install the product.

2. Check the parts before you install the product and contact the distributor if there are any missing or defective parts.

3. Before you install the product, wear gloves to prevent probable injuries due to internal parts or peripherals of the case.

4. When installing the product or after completion of installation, do not put your hands into the product while it is running.
   Electric shock may be caused.

5. Exactly connect the pins and cables, referring to the manuals of the peripherals to be connected to the product.
   Incorrect wiring may cause damage to the product and its peripherals.

6. Do not block the air ventilation holes on the lateral sides and the rear side. Parts may be damaged due to overheating of the product.

7. When using the product after finishing assembly, place the product on a flat and dry surface.

8. When using the product after finishing assembly, maintain a clearance of 20cm or more between the product and the wall. Using the product in a narrow and poorly-ventilated place may cause damage to the product due to overheating.

9. When using the product after finishing assembly, do not expose the product to fire, direct sunlight, water, moisture, oil, etc.

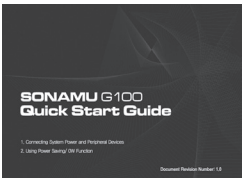
10. The vendor is not responsible for any damage, failure and injuries caused by improper use of the product.

Components List

Part List

No.	Figure	Q'ty	Parts name / Uded for (English)
1		8	Securing ODD
2		22	Securing Power supply, HDD, Main-board and Expansion slot
3		1	Supporting Main-board
4		1	Covering Expansion slot
5		9	Isolation between bolt and mainboard
6		3	Management Cable
7		4	Securing Fan
8		1	Mainboard speaker
9		1	Securing power supply bracket
10		1	Power supply bracket
11		0 or 4	Case supporter
12		Optional parts	Cooling Fan

Power Cord


SONAMU G100
Quick Start Guide
1. Connecting System Power and Peripheral Devices
2. Using Power Saving/ ON Function
Document Revision Number 1.0

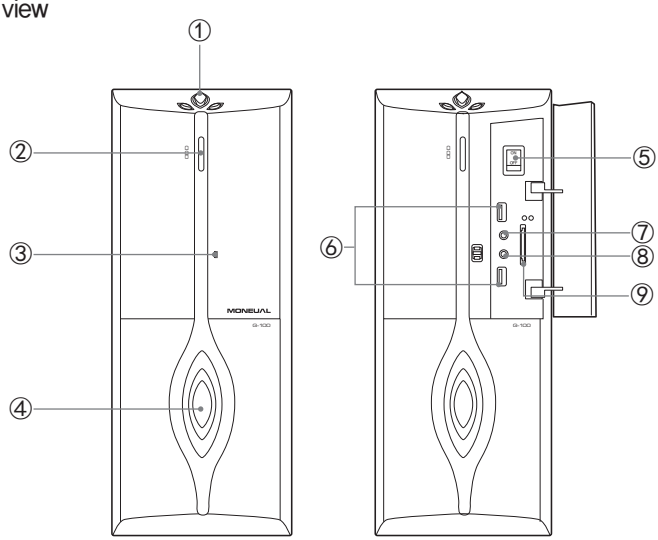
Quick Guide

User Guide CD

◉Front/Rear I/O ports and switches

G100

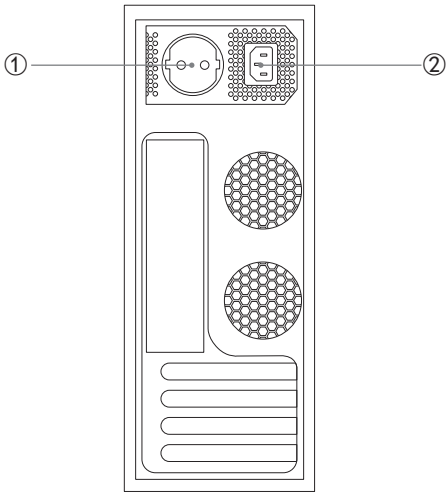
(1) Front view



①Power saving button	⑥USB port
Enter the power saving mode.	Connect USB peripherals It is recommended to use the USB ports on the rear side to connect peripherals (external hard drive, etc.) of power consumption 500 mA or more.
②Optical drive eject button	
Press this button to eject the optical drive.	
③Panel open button	⑦Headphone jack
Press this button to open the front panel.	Connect earphone, headphone, etc.
④Power button	⑧MIC jack
	Connect a mike for voice recording, video chatting, etc.
⑤Zero switch	⑨3-in-1 card reader
The stand-by power goes 0 W when you turn off the switch after power off. The data will be lost if you turn off the switch before power off.	Insert SD, SDHC or MMC card

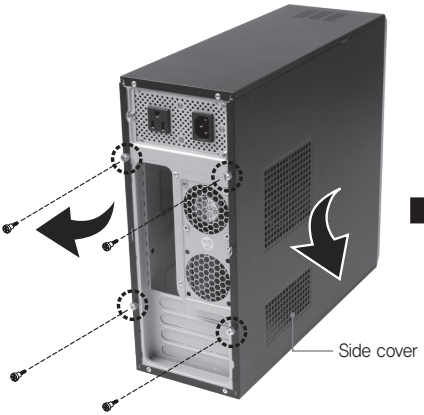
◉ Front/Rear I/O ports and switches

(2) Rear view



① Power saving socket	② Main power socket
Connect a power strip The power saving socket supports up to 1750 W. If the power supported by the power strip is less than 1750 W, connect electronic instruments within the capacity supported by the power strip. Power strip is sold separately	Connect the power cord of the mainframe.

(1) Remove the side covers and the front panel (bezel)



① Remove the 4 hand screws on the rear side and then remove the two side covers.

② After removing the both side covers, widen the hook on both sides of the bezel to remove the bezel.

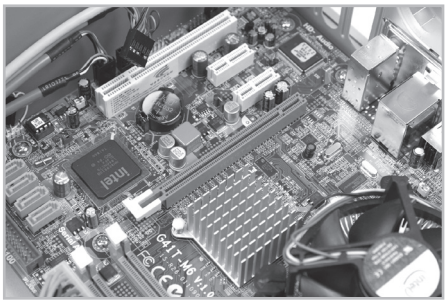
(2) Motherboard installation

Lay down the mainframe case on the floor as shown in the figure, check the mounting direction of the motherboard and the case and mount the motherboard by aligning it to the setscrew positions. Tighten the setscrews at each setscrew position.
(Caution: Pay attention not to drop the driver and tools on the motherboard while you are tightening setscrews. This may cause damage to the motherboard.)

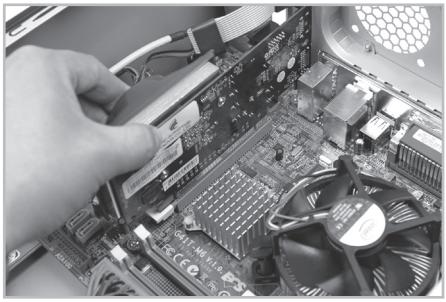
Check the setscrew positions

(3) Graphic card installation

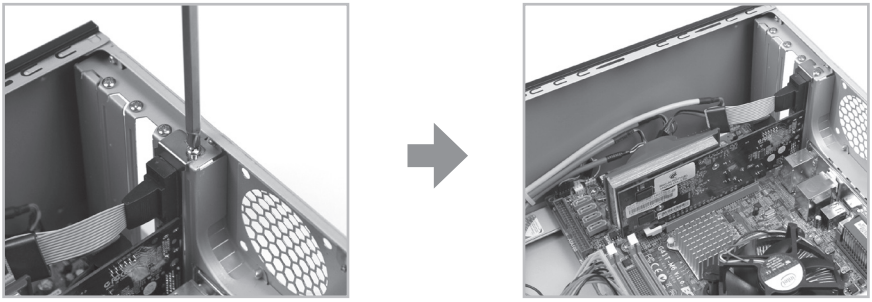
① Check the graphic card slot on the motherboard. (The slot specification is common to all vendors but the shape of slot may look a little different from vendor to vendor.)



② Thoroughly insert the graphic card as shown in the figure.

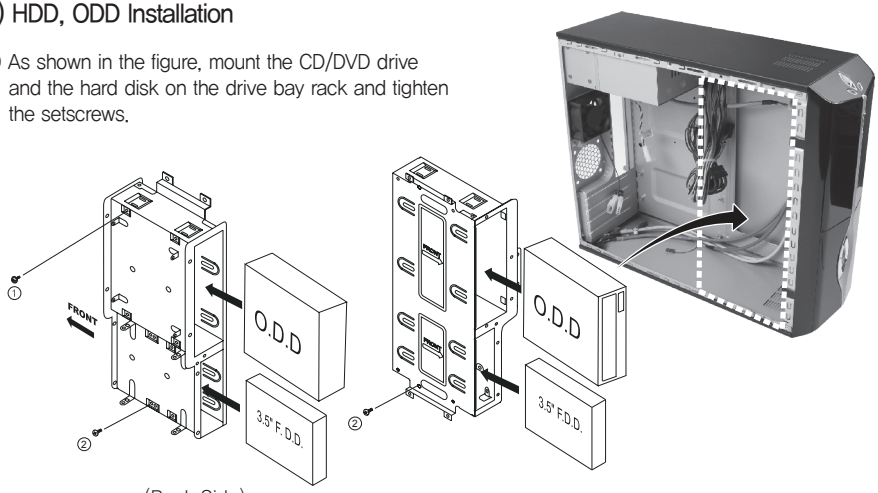


③ Tighten the screws and adjust the bracket of the graphic card as shown in the figure. Installation of the graphic card has been complete.



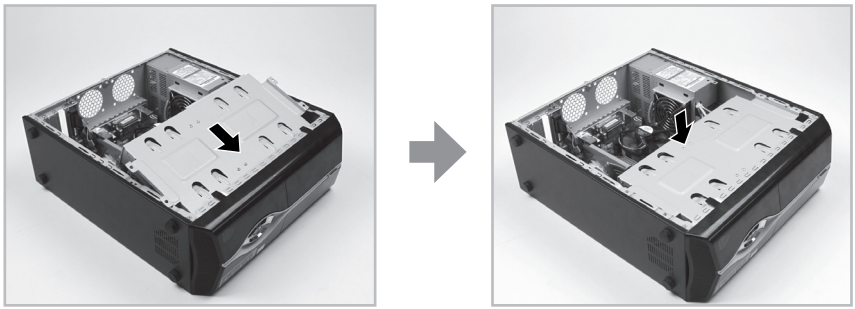
(4) HDD, ODD Installation

① As shown in the figure, mount the CD/DVD drive and the hard disk on the drive bay rack and tighten the setscrews.



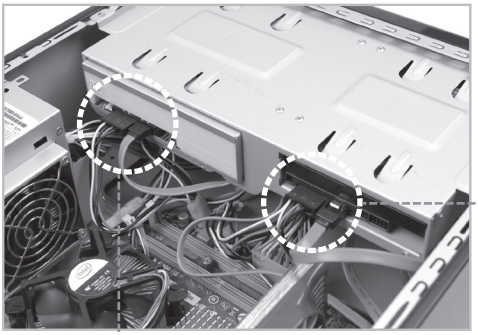
(Back Side)

② Install the drive bay rack with ODD and HDD installed and tighten the setscrews.

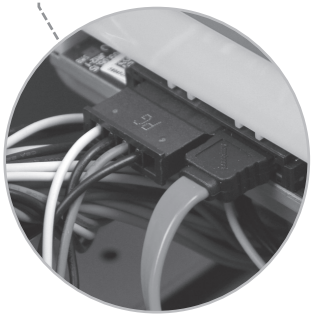


Tighten the setscrews.

③ As shown in the figure, connect the power connector and data connector of the CD/DVD driver and the hard disk.



Connect the hard disk connector (HDD)



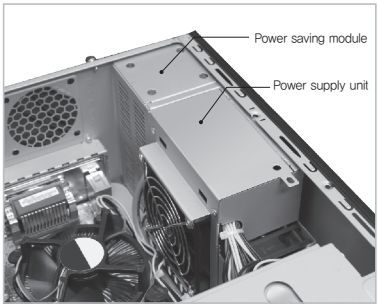
Connect the CD/DVD drive connector (ODD)

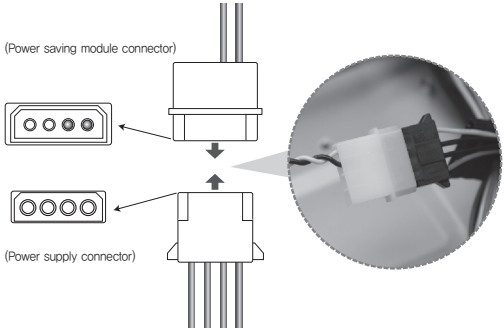
(5) Cable connection

The motherboard and the power supply unit may be damaged if the pin and connector cables are not exactly aligned.
Connect the cable after checking the wiring, referring to the manuals of the motherboard and the power supply unit.

1) Power saving module connection

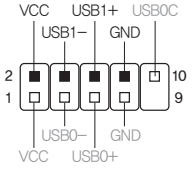
Connect the power connectors of the power saving module and the main power supply unit.
Since the connector port is shaped in a polygon as shown in the figure, it would not be connected in a wrong direction.
Check the shape of the connector port and connect it exactly.



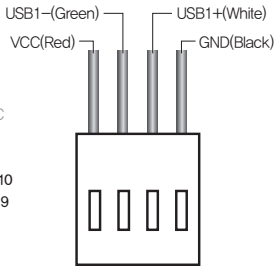


2) ECO Board (ECO B/D) Connection

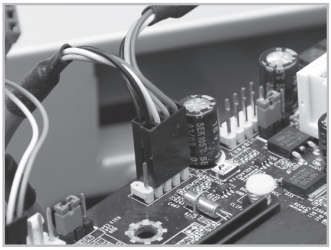
Connect the ECO board as shown in the figure, referring to the description of connector JUSB1/2 pin array and cables (colors).
(Caution: Make sure to connect the cable after checking the – and + positions of each pin.
The motherboard may be damaged if the – and + positions are reversed.)



JUSB1/2



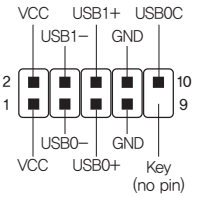
ECO B/D connector



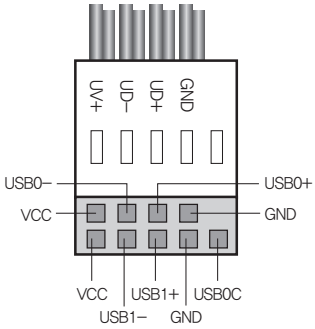
(※ The position and the direction of the connector may differ depending on product specification and vendor.)

3) Front USB Connection

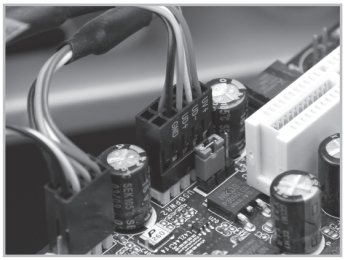
Connect the power connectors of the power saving module and the main power supply unit.
Since the connector port is shaped in a polygon as shown in the figure, it would not be connected in a wrong direction.
Check the shape of the connector port and connect it exactly.



JUSB1/JUSB2

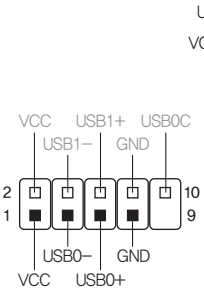


Front USB connector

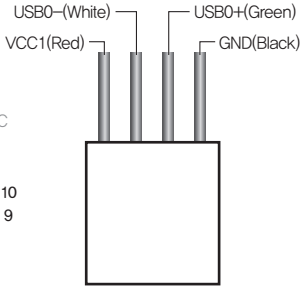


4) Card Reader Connection

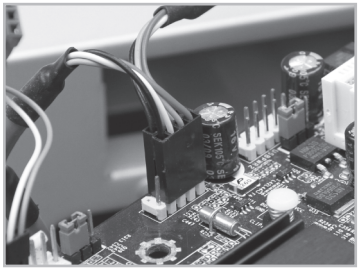
Connect the card reader as shown in the figure, referring to the description of connector JUSB1/JUSB2 pin array and cables (colors).
(Caution: Make sure to connect the cable after checking the − and + positions of each pin.
The motherboard may be damaged if the − and + positions are reversed.)



JUSB1/JUSB2



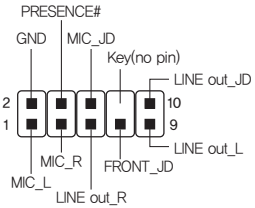
SD card reader(USB) connector



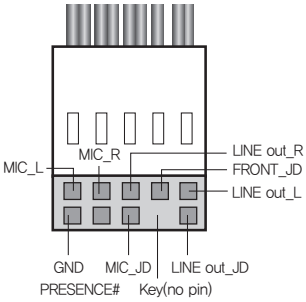
(※ The position and the direction of the connector may differ depending on product specification and vendor.)

6) Front Audio Connection

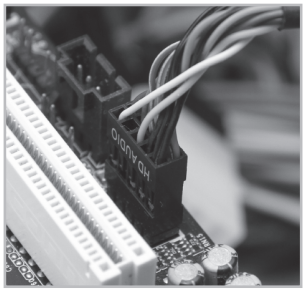
As shown in the figure, the audio connector would not be connected if the F_AUDIO pins are not exactly aligned to the connector port.
Exactly install the connector by checking the pin array and the key (no pin) position.



F_AUDIO

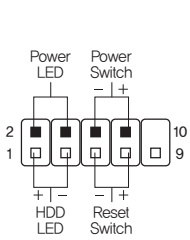


Front audio connector

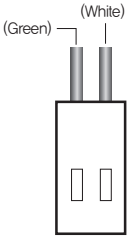


7) Power PCB Connection

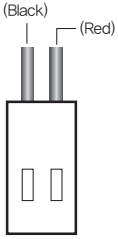
Connect the power switch connector and the power LED connector to the positions shown in the figure below.
(Caution: Make sure to connect the cable after checking the – and + positions of each pin.
The motherboard may be damaged if the – and + positions are reversed.)



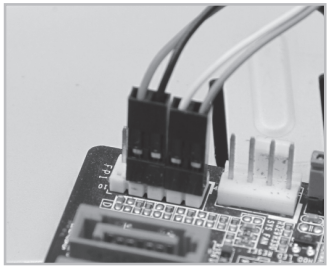
JFP1



Power LED



Power Switch



(※ The position and the direction of the connector may differ depending on product specification and vendor.)

(6) Cable Connection

Assemble the cables in the sequence order of the front panel removal in Page 10 (See P10).

① Mount the bezel while checking the position of hook.
② Mount the two side covers and tighten the four hand screws.

Customer service: 1588-8178

Service hours
Weekdays: 09:00 ~ 18:00, Weekend: 09:00 ~ 12:00

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